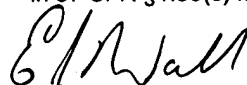


|   |                                |                            |   |
|---|--------------------------------|----------------------------|---|
| <b>TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT</b><br><b>Under 37 CFR 1.97(b), (c), or (d)</b>  |                                |                            | Docket No.<br><b>CENTANNI 2-32-9-22-5-7</b> |
| In re Application of: <b>Centanni, et al.</b>   |                                |                            |   |
| Serial No.  | Filing Date<br><b>HEREWITH</b> | Examiner<br><b>UNKNOWN</b> | Group Art Unit                              |
| Title: <b>METHOD AND APPARATUS FOR MULTI-BAND OPTICAL SWITCHING USING MULTI-PUMP PARAMETRIC DEVICES</b>   |                                |                            |   |
| Address to:<br>Commissioner for Patents<br>Alexandria, VA 22313-1450  |                                |                            |   |
| <b>37 CFR 1.97(b)</b>   |                                |                            |   |
| 1. <input checked="" type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits; or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114. |                                |                            |   |
| <b>37 CFR 1.97(c)</b>   |                                |                            |   |
| 2. <input type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), but prior to the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by the statement or fee as indicated below.  |                                |                            |   |
| <b>37 CFR 1.97(d)</b>   |                                |                            |   |
| 3. <input type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(c), but on or before payment of the issue fee and is accompanied by the statement and fee as indicated below.  |                                |                            |   |
| <b>Required Statements and/or Fees Under 37 CFR 1.97(c) or (d)</b>  |                                |                            |   |
| <input type="checkbox"/> Each item of information contained in the accompanying Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Information Disclosure Statement. (37 CFR 1.97(e)(1))   |                                |                            |   |
| <input type="checkbox"/> No item of information in the accompanying Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned person, after making reasonable inquiry, no item of information contained in the accompanying Information Disclosure Statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the Information Disclosure Statement. (37 CFR 1.97(e)(2))                     |                                |                            |   |
| <input type="checkbox"/> The fee set forth in 37 CFR 1.17(p). Please credit any overpayment or charge any insufficiencies to deposit account number 20-0782.  |                                |                            |   |
| <b>37 CFR §1.704(d)</b>   |                                |                            |   |
| 4. <input type="checkbox"/> Each item of information in the accompanying Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in 37 CFR §1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.   |                                |                            |   |
| <br>_____  |                                | Dated: <u>12/12/03</u>     |   |
| Eamon J. WALL<br>Reg. No. 39,414<br><br><b>Moser, Patterson &amp; Sheridan, LLP</b><br><b>Attorneys at Law</b><br><b>595 Shrewsbury Avenue, Suite 100</b><br><b>Shrewsbury, New Jersey 07702</b><br><b>732-530-9404</b>   |                                |                            |   |

|   |     |   |            |                   |                                      |          |                            |                          |
|---|-----|---|------------|-------------------|--------------------------------------|----------|----------------------------|--------------------------|
| U.S. Department of Commerce, Patent and Trademark Office<br>(PTO Form 1449 modified)  |     |   |            |                   | Docket No.<br>Centanni 2-32-9-22-5-7 |          | Serial No.                 |                          |
| <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  |     |   |            |                   | Applicant<br>Centanni, et al.        |          | Confirmation No.:          |                          |
| (Use several sheets if necessary)   |     |   |            |                   | Filing Date                          |          | Group                      |                          |
| Examiner  |     |   |            |                   | Herewith                             |          |                            |                          |
| <b>U.S. Patent Documents</b>  |     |   |            |                   |                                      |          |                            |                          |
| *Examiner Initial   |     | Document Number   | Issue Date | Applicant(s) Name | Class                                | Subclass | Filing Date If Appropriate |                          |
|   | A1  | 5,825,517   | 10/20/1998 | Antoniades et al. | 359                                  | 117      |                            |                          |
|   | A2  |   |            |                   |                                      |          |                            |                          |
|   | A3  |   |            |                   |                                      |          |                            |                          |
|   | A4  |   |            |                   |                                      |          |                            |                          |
|   | A5  |   |            |                   |                                      |          |                            |                          |
|   | A6  |   |            |                   |                                      |          |                            |                          |
|   | A7  |   |            |                   |                                      |          |                            |                          |
|   | A8  |   |            |                   |                                      |          |                            |                          |
|   | A9  |   |            |                   |                                      |          |                            |                          |
|   | A10 |   |            |                   |                                      |          |                            |                          |
|   | A11 |   |            |                   |                                      |          |                            |                          |
|   | A12 |   |            |                   |                                      |          |                            |                          |
| <b>Foreign Patent Documents</b>   |     |   |            |                   |                                      |          |                            |                          |
| *Examiner Initial   |     | Document Number   | Date       | Country           | Class                                | Subclass | Translation                |                          |
|   |     |   |            |                   |                                      |          | YES                        | NO                       |
|   | B1  |   |            |                   |                                      |          | <input type="checkbox"/>   | <input type="checkbox"/> |
|   | B2  |   |            |                   |                                      |          | <input type="checkbox"/>   | <input type="checkbox"/> |
|   | B3  |   |            |                   |                                      |          | <input type="checkbox"/>   | <input type="checkbox"/> |
|   | B4  |   |            |                   |                                      |          | <input type="checkbox"/>   | <input type="checkbox"/> |
| <b>OTHER ART</b>  |     |   |            |                   |                                      |          |                            |                          |
| *Examiner Initial   |     | Including Author, Title, Date, Pertinent Pages, Etc.  |            |                   |                                      |          |                            |                          |
|   | C1  | Alexander et al., "A Precompetitive Consortium on Wide-Band All-Optical Networks," J Lightwave Tech., 11(5/6), 714-735 (1993) |            |                   |                                      |          |                            |                          |
|   | C2  | McKinstrie, et al., "Parametric amplifiers driven by two pump waves," IEEE J. Sel, Top, Quantum Electron, 8, 539-547 (2002)   |            |                   |                                      |          |                            |                          |
|   | C3  |   |            |                   |                                      |          |                            |                          |
| Examiner  |     |   |            |                   | Date Considered                      |          |                            |                          |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant. |     |   |            |                   |                                      |          |                            |                          |